

CLAIMS

What is claimed is:

1. A localization code arrangement on a computer-readable medium or media for use in a system for processing localization information, the code arrangement comprising:

a transformation module receiving at least one non-localized information unit, said transformation module converting the at least one non-localized information unit into an intermediate format using at least one resource file.

2. The code arrangement of Claim 1, said transformation module storing the intermediate format of the at least one non-localized information unit in a data-store.

3. The code arrangement of Claim 1, said transformation module using the at least one resource file to generate at least one localized information unit from the at least one non-localized information unit stored within the data-store in the intermediate format.

4. The code arrangement of Claim 1, further comprising:
a first module for sending the non-localized information unit to said transformation module, and
a second module for obtaining the localized information unit from said transformation module.

5. The code arrangement of Claim 1, wherein the intermediate format of the non-localized information unit is an XML (eXtensible Markup Language) format.

6. The code arrangement of Claim 1, wherein the intermediate format of the non-localized information unit is an XML string and the data-store is a database.

7. The code arrangement of Claim 1, wherein the resource file is a property file compatible with the JAVA environment.

8. The code arrangement of Claim 1, wherein the non-localized information unit includes a plurality of localizable parameters.

9. The code arrangement of Claim 8, wherein the intermediate format is an XML format, said transformation module transforming the localizable parameters into the XML format, said transforming module storing the plurality of localizable parameters in the XML format in a data-store.

10. The code arrangement of Claim 8, wherein
a plurality of localization instructions are associated with the plurality of localizable parameters, said transformation module transforming the plurality of localization instructions into the XML format and storing the plurality of localization instructions in the data-store.

11. The code arrangement of Claim 8, wherein the plurality of localizable parameters are at least one of a string type, an integer type, a floating point value type, a message type, a large integer type, a large decimal type and a date type.

12. The code arrangement of Claim 1, wherein said transformation module is implemented as a JAVA class.

13. The code arrangement of Claim 1, wherein the localization information is language information.

14. The code arrangement of Claim 1, wherein the localization information is data format conversion information.

15. A localization code arrangement on a computer-readable medium or media for use in a system for processing localization information, the code arrangement comprising:

a first module for collecting a plurality of localizable parameters in a first language, said first module further collecting at least one translation instruction for the localizable parameters; and

a transformation module for receiving the plurality of localizable parameters in the first language and the at least one translation instruction from said first module, said transformation module processing the plurality of localizable parameters and the at least one translation instruction into an XML

string using a resource file, the resource file including at least one text string in a second language, said transformation module storing the XML string in a data-store.

16. The code arrangement of Claim 15, further comprising:

a second module for assembling a plurality of localized parameters in said second language, said second module activating said transformation module to generate said plurality of localized parameters, said transformation module retrieving said stored XML string from said data-store, said transformation module converting said XML string to the plurality of localized parameters in said second language using said resource file and the at least one translation instruction stored in said XML string, said transformation module sending said plurality of localized parameters to said second module.

17. The code arrangement of Claim 15, wherein said resource file is configured to handle said second language.

18. A method for processing localization information, the method comprising:

receiving at least one non-localized information unit;
converting said non-localized information unit into an intermediate format using at least one resource file; and
storing said intermediate format in a data-store.

19. The method of Claim 18, further comprising:

retrieving said intermediate format from said data-store; and
converting said intermediate format into at least one localized
information unit using said resource file.

20. The method of Claim 18, wherein said intermediate format is an
XML format.

21. The method of Claim 18, wherein said data-store is a database.

22. The method of Claim 18, said non-localized information unit
further including a plurality of localizable parameters.

23. The method of Claim 19, the step of converting further including:
converting said localizable parameters into an intermediate format
using at least one resource file.

24. The method of Claim 21, wherein said localizable parameters
correspond to a first language and said localized unit and said resource file
correspond to a second language.

25. A method for processing localization information comprising:
collecting a plurality of localizable parameters in a first language;
collecting at least one translation instruction for the localizable
parameters;

receiving the plurality of localizable parameters in the first language and the at least one translation instruction;

processing the plurality of localizable parameters and the at least one translation instruction into an XML string using a resource file, the resource file including at least one text string in a second language; and

storing the XML string in a data-store.

26. An apparatus operable to perform the method of claim 18.

27. A computer-readable medium having code portions embodied thereon that, when read by a processor, cause said processor to perform the method of claim 18.

28. An apparatus operable to perform the method of claim 25.

29. A computer-readable medium having code portions embodied thereon that, when read by a processor, cause said processor to perform the method of claim 25.

30. A processor for processing localization information, comprising:
a transformation module receiving at least one non-localized information unit, said transformation module converting the non-localized information unit into an intermediate format using at least one resource file.

31. The processor of Claim 30, wherein the localization information is language information.

32. The processor of Claim 30, wherein the localization information is data format conversion information.

33. A processor for processing localization information comprising:
a first module for collecting a plurality of localizable parameters in a first language, said first module further collecting at least one translation instruction for the localizable parameters; and
a transformation module for receiving the plurality of localizable parameters in the first language and the at least one translation instruction from said first module, said transformation module processing the plurality of localizable parameters and the at least one translation instruction into an XML string using a resource file, the resource file including at least one text string in a second language, said transformation module storing the XML string in a data-store.